



**Massachusetts Department of Environmental Protection**  
**Bureau of Resource Protection – Drinking Water Program**

## **Monitoring Waiver Program Application Instructions**

2005-2007 Monitoring Waiver Program

**Community and Non-Transient Non-Community Public Water Systems**

### **General Instructions**

**APPLICATIONS for new and/or existing sources WITHOUT waivers or WITH IOC waivers, seeking a reduction of the baseline monitoring requirements must submit the following:**

#### **WATER QUALITY REQUIREMENTS:**

1. A completed Monitoring Waiver Application – Water Quality form.
2. A completed Wellhead Protection and/or Surface Water Protection form and accompanying documentation (not required for sources that received a 2002-2004 IOC waiver and are only applying for an arsenic waiver).
3. Water quality monitoring results for each type of waiver you are requesting (VOCs, SOC, and IOCs).
  - VOC Waiver: Four consecutive quarterly sample results on DEP approved forms from each source since January 1, 2002.
  - SOC Waiver: One sample result on DEP approved forms for each source, except compounds covered by statewide technical criteria waivers showing no detections. Please note Diquat no longer has an automatic statewide waiver. Systems with surface water sources that are likely to be impacted by Diquat based on use of Diquat for weed control in associated source water bodies will be required to test for Diquat. DEP will notify all impacted systems.
  - IOC Waiver (except for arsenic): Depends on the source type:
    - Groundwater Source: One sample result collected since January 1, 2002 for each source.
    - Surface Water Source: Three consecutive annual samples results collected during 2002-2004 for each source.
  - Arsenic Waiver for sources **without** 2002-2004 IOC Waivers: Depends on the source type:
    - Groundwater Source: One sample result collected since January 1, 2005 and two previous compliance period sample results.

- Surface Water Source: Three consecutive annual sample results collected during 2002-2004 and one annual sample result collected in 2005.
- Arsenic Waiver for sources **with** 2002-2004 IOC Waivers: Depends on the source type:
  - Groundwater Systems: One sample result collected since January 1, 2005 and two previous compliance period sample results.
  - Surface Water Systems: One annual sample result collected in 2005 and two previous annual sample results.

### **RENEWAL APPLICATIONS for sources WITH current waivers (2002-2004)**

#### **WATER QUALITY REQUIREMENTS:**

1. No new monitoring data are required.
2. Completion of the Renewal Application is the only application requirement for a VOC and/or a SOC renewal.
3. Systems that do not apply for waiver renewal or whose applications are disapproved will be required to test for SOC. Required sampling is based on the PWS population size.
4. Please be advised that approved VOC waivers will result in some minimum VOC testing as required by 310 CMR 22.00 during the 2005-2007 compliance period.
5. Sources with IOC waivers will not be required to renew for this waiver. However, **arsenic** monitoring will be required for sources with IOC waivers because of the revised arsenic drinking water standard.

### **OTHER INFORMATION**

- Waivers are granted by source, not by system.
- Existing PWSs must apply prior to the beginning of the three-year compliance period in order to qualify for a monitoring waiver for that compliance period.
- New sources or public water system may file a waiver application at any time after the DEP has approved the source.

- River Sources or inactive/emergency sources are not eligible.
- Sources that were denied a waiver because of contaminant detections at any time are not eligible for a VOC waiver (including MTBE but excluding the four THM compounds).
- Waiver applications and accompanying monitoring reports must be submitted in DUPLICATE to:  
Department of Environmental Protection  
Drinking Water Program  
ATTN: MONITORING WAIVERS  
One Winter Street, 6th Floor  
Boston, MA 02108
- Incomplete applications will not be processed.
- DEP will review your waiver application, and, if approved, send you a revised sample schedule indicating monitoring requirements for each source. Please note that any information contained in this application is subject to verification by DEP.

**DEP Website:** Digital copies of the Waiver Applications are available at the DEP Website: <http://www.mass.gov/dep/brp/dws/waiver.htm>. In the future, we will be asking water suppliers to go to this website for all monitoring waiver information.

---

**MONITORING WAIVER APPLICATION -  
For New and/or Existing Sources  
WITHOUT Monitoring Waivers or WITH  
IOC Waivers**

---

**Section A: Public Water Supply Information:**

Make sure to write your public water system identification number (PWSID #) and application date at the top right of each page.

**Section B: Waiver Information:**

List all sources by DEP Source ID number (last three digits: e.g. 01G, 01S, etc.) and specify monitoring program for each waiver requested.

**Sections C-E: VOC, SOC, IOC Information:**

Indicate source sample results submitted and sample location(s) for each source. Identify multiple source sample location if two or more sources are manifolded prior to sampling.

**Section F: Multiple Sources (Manifolding)**

If any of your sampling points represent multiple sources indicate the sources that are manifolded together for each sampling point. Also indicate whether or not all manifolded sources are always pumped simultaneously.

**Section G: Source Configuration and Pumping Characteristics**

If your system has manifolded two or more sources since 1990 and/or has added new sources, please explain. If your system has shown fluctuations in source water withdrawal since 1993, indicate the pumping rates.

**Section H: Certification**

You must sign this form for it to be valid.

*This application must be accompanied with a completed Wellhead and/or Surface Water Protection Form and a landuse inventory for each source.*

**GROUND WATER SOURCES –  
WELLHEAD PROTECTION FORM**

**Wells pumping 100,000 gallons/day or greater:**

Suppliers must submit a current:

- Aquifer protection zoning or general bylaw/ordinance; or
- Aquifer protection health regulation or bylaw; or
- Toxic and hazardous materials health regulation.

Also submit an aquifer protection district map showing the well and its Zone II/Interim Wellhead Protection Area (IWPA) and indicate the area covered by the submitted control measures. At least one of these regulations must cover the entire portion of the Zone II/IWPA in the town where the well is located. (The IWPA for wells pumping 100,000 gallons/day or greater is an area with a one half-mile radius.)

Sources with approved Zone IIs and a letter from DEP stating that they have met Massachusetts Wellhead Protection regulations (310 CMR 22.21(2)) have also met the source protection criteria required for this monitoring waiver request. Suppliers must also fill out Sections A, B, D, and H of the Wellhead Protection Form.

### ***Wells pumping less than 100,000 gallons/day:***

Suppliers have the option of submitting the local controls (as described above), or a Wellhead Protection Form with all sections completed.

If you choose to submit local controls, you must still fill out Sections A, B, D, and H of the Wellhead Protection Form.

### ***SURFACE WATER SOURCES – SURFACE WATER PROTECTION FORM***

Surface water sources with a DEP approved avoidance of filtration waiver have met the source protection criteria. All other sources must submit a Surface Water Protection Form. Surface water sources with river intakes are not eligible for monitoring waivers.

---

## **MONITORING WAIVER RENEWAL APPLICATION – For Sources WITH WAIVERS**

---

### ***Section A: Public Water Supply Information:***

Make sure to write your public water system identification number (PWSID #) and application date at the top right of each page.

### ***Section B: Waiver Information:***

List all sources by DEP Source ID number (last three digits: e.g. 01G, 01S, etc.) and specify monitoring program for each waiver requested.

### ***Sections C-D: Source Water Protection***

#### ***Accomplishments Information:***

As a condition for a monitoring waiver renewal, DEP requires the supplier to provide documentation of a source protection improvement during the 2002-2004 compliance period. Source protection improvements could include a new initiative or a demonstration of progress on an existing initiative.

### ***Section E: Land Use Inventory***

As a condition to your renewal, please inventory and identify all additional and existing threatening landuses and all nonconforming uses that expanded their nonconforming use within groundwater and/or surface water recharge areas.

### ***Section F: Certification***

You must sign this form for it to be valid.

### ***List of Waiver Application attachments***

- Attachment 1: Source Water Protection Plan Checklist
- Attachment 2: Sample Zone I/IWPA Wellhead Land Use Map
- Attachment 3: Sample Notification Letter
- Attachment 4: Clean Drinking Water Do's and Don'ts
- Attachment 5: NeRWA Sign Order Form
- Attachment 6: Sample Indoors Posting
- Attachment 7: Manifold Source Diagram